

STATUS OF NEW REACTOR ISSUES

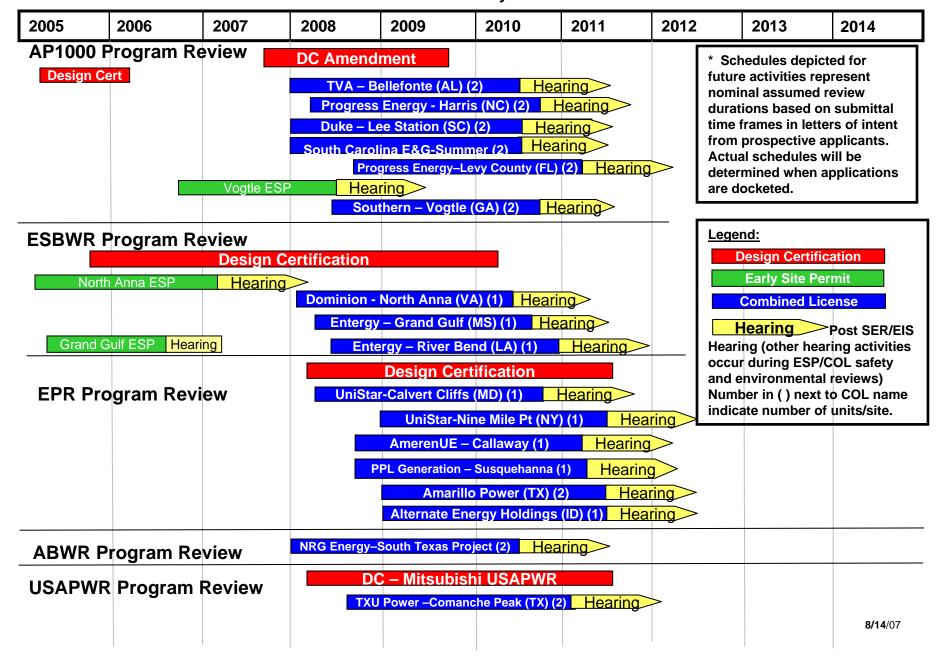
August 22, 2007
Luis Reyes
Executive Director for Operations

Agenda

- Overview of New Reactor Status
- Program Activities
- Reviewer Activities
- Stakeholder Interface

New Reactor Licensing Applications (Site and Technology Selected)

An estimated schedule by Fiscal Year



New Reactor Licensing Applications (Site or Technology TBD) An estimated schedule by Fiscal Year

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	
AP1000 I	Program Re	eview					futi noi dur	* Schedules depicted for future activities represent nominal assumed review durations based on submittal time frames in letters of intent from prospective applicants. Actual schedules will be determined when applications are docketed.		
ESBWR I	Program Re	eview					from Act			
EPR Pro	gram Revie	W					Leg	Legend: Design Certification Early Site Permit Combined License Hearing Post SER/EIS Hearing (other hearing activities occur during ESP/COL safety and environmental reviews) Number in () next to COL name indicate number of units/site.		
ABWR P	rogram Rev	view .								
USAPWI	R Program	Review					Nui			
Unspec		ing				Unannounced :		ke ESPs (2) Dates TBD Hearing	Hearing	
				Florida P&L – Site and Vendor - TBD Exelon Texas - Site and Vendor TBD Hea			Hearing Hearing	earing and a second a second and a second an		
				DIE	rermi - vendoi		earing		6/25/07	

Infrastructure

- Contracting
- Licensing Program Plan
- Safety Evaluation Report Templates
- Rulemaking
 - Limited Work Authorization
 - -Part 52
 - Security

Pre-application Activities

- Outreach Meetings
- Quality Assurance Audits
- Pre-application Site Visits
- Pre-application Reviews and Interactions
 - Topical Reports
 - Design Centered Working Group Meetings

Reviewer Tools

- Acceptance Review Process
- Regulatory Guides/Standard Review Plan
- Technical Consistency Office Instruction
- Knowledge Management tools (e.g., Wizard)

Ongoing Technical Reviews

- Design Certifications
- Early Site Permits
- Pre-Application Activities
 - Technical Reports
 - Early Engagement on Long Lead
 Time Items

Continued Focus Areas

- Resources
 - Critical skills-Hiring
 - Staff Development
 - Contracts
- Technical Issues
 - Digital Instrumentation and Controls
 - Seismic
 - Inspections, Tests, Analyses, and Acceptance Criteria
 - Emerging Issues

Security

- Interactions
 - External: Department of Homeland Security, the public, industry, and vendors
- Readiness
 - Licensing
 - Schedule input
 - Staffing

Emergency Planning

- Interactions
 - External: Federal Emergency
 Management Agency, the public, industry
- Readiness
 - Regulations & Guidance updated
 - Schedule
 - Staffing

Government to Government Interactions

- Federal
- State
- Local
- Tribal

Public Outreach Efforts

- Public Outreach Meetings
- Environmental Scoping Meetings
- Draft Environmental Impact Statement
- Technical Meetings
- Workshops

International Communications

- Multinational Design Evaluation Program
- Bi-lateral Meetings
- Interactions with Chinese Regulatory Agency

Conclusion

- Significant accomplishments
- Productive pre-application activities
- Enhancing program management
- Planning for contingencies